

FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

KCC Docket No.: 15484.1

LIST OF PRIOR ART CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT(S)

Jeffrey Dean LINDSAY et al.

FILING DATE

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JUB	A1	3,700,623	10/1972	Keim	—	—	
	A2	3,825,381	07/1974	Dunning et al.	—	—	
	A3	3,855,158	12/1974	Petrovich et al.	—	—	
	A4	B2 3,860,003	06/1990	Buell	—	—	
	A5	3,920,015	11/1975	Wortham	—	—	
	A6	4,100,324	07/1978	Anderson et al.	—	—	
	A7	4,234,775	11/1980	Wolfberg et al.	—	—	
	A8	4,285,343	08/1981	McNair	—	—	
	A9	4,342,314	08/1982	Radel et al.	—	—	
	A10	4,397,644	08/1983	Matthews et al.	—	—	
	A11	4,463,045	07/1984	Ahr et al.	—	—	
JUB	A12	4,476,180	10/1984	Wnuk	—	—	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JUB	A1	EP 0 638 303 B1	02/1995	European	—	—	<input type="checkbox"/>	<input type="checkbox"/>
	A2	EP 0 665 315 B1	08/1995	European	—	—	<input type="checkbox"/>	<input type="checkbox"/>
	A3	EP 0 985 741 A1	09/1998	European	—	—	<input type="checkbox"/>	<input type="checkbox"/>
	A4	DE 297 03 589 U1	07/1997	Germany w/engl abstract	—	—	<input type="checkbox"/>	X
	A5	GB 2 319 186 A	11/1997	United Kingdom	—	—	<input type="checkbox"/>	<input type="checkbox"/>
JUB	A6	JP 04146748	05/1992	Japan (abstract only)	—	—	<input type="checkbox"/>	X

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JUB	A1	American Society for Testing Materials (ASTM) Designation: D 4032-82, "Standard Test Method for Stiffness of Fabric by the Circular Bend Procedure," pp. 702-706, published August 1982.
	A2	Haile et al., "Copolyester Polymer for Binder Fibers", Nonwovens World, April-May 1999, pp. 120-124
JUB	A3	R.C. Metaxas & R.J. Meredith, "Industrial Microwave Heating", Peter Peregrinus, LTD, London, 1983, pp.183-195; pp. 288-289

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JVB	A13	4,478,853	10/1984	Chaussee	—	—	
	A14	4,578,133	03/1986	Oshefsky et al.	—	—	
	A15	B1 4,589,876	04/1993	Van Tilburg	—	—	
	A16	4,608,047	08/1986	Mattingly	—	—	
	A17	4,617,124	10/1986	Pall et al.	—	—	
	A18	4,687,478	08/1987	Van Tilburg	—	—	
	A19	4,740,409	04/1988	Lefkowitz	—	—	
	A20	4,820,307	04/1989	Welch et al.	—	—	
	A21	4,879,170	11/1989	Radwanski et al.	—	—	
	A22	4,904,249	02/1990	Miller et al.	—	—	
	A23	4,950,264	08/1990	Osborn, III	—	—	
	A24	5,009,653	04/1991	Osborn, III	—	—	
JVB	A25	5,042,986	08/1991	Kitchens et al.	—	—	

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							YES	NO
JVB	A7	WO 88/01494	03/1988	PCT - World	—	—		
	A8	WO 92/17643	10/1992	PCT - World	—	—		
	A9	WO 94/16658	08/1994	PCT - World	—	—		
	A10	WO 96/07376	03/1996	PCT - World	—	—		
	A11	WO 98/22060	05/1998	PCT - World	—	—		
JVB	A12	WO 98/22064	05/1998	PCT - World	—	—		

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JLB	A26	5,057,368	10/1991	Largman et al.	—	—	
	A27	5,069,970	12/1991	Largman et al.	—	—	
	A28	5,108,691	04/1992	Elliott	—	—	
	A29	5,108,820	04/1992	Kaneko et al.	—	—	
	A30	5,151,092	09/1992	Buell et al.	—	—	
	A31	5,167,771	12/1992	Sayers et al.	—	—	
	A32	5,169,571	12/1992	Buckley	—	—	
	A33	5,228,947	07/1993	Churchland	—	—	
	A34	5,267,992	12/1993	Van Tilburg	—	—	
	A35	5,277,976	01/1994	Hogle et al.	—	—	
	A36	5,308,346	05/1994	Sneller et al.	—	—	
JLB	A37	5,336,552	10/1994	Strack et al.	—	—	

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JLB	A13	WO 98/47455	10/1998	PCT - World	—	—		
	A14	WO 99/00093	01/1999	PCT - World	—	—		
	A15	WO 99/22686	05/1999	PCT - World	—	—		
	A16	WO 99/61518	12/1999	PCT - World	—	—		
	A17	WO 00/19955	04/2000	PCT - World	—	—		
JLB	A18	WO 00/19956	04/2000	PCT - World	—	—		

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U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	A	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JUB	A38	5,338,169	08/1994	Buckley	—	—	
	A39	5,342,342	08/1994	Kitaoka	—	—	
	A40	5,350,624	09/1994	Georger et al.	—	—	
	A41	5,382,400	01/1995	Pike et al.	—	—	
	A42	5,399,412	03/1995	Sudall et al.	—	—	
	A43	5,429,686	07/1995	Chiu et al.	—	—	
	A44	5,533,991	07/1996	Kirby et al.	—	—	
	A45	5,536,921	07/1996	Hedrick et al.	—	—	
	A46	5,545,156	08/1996	DiPalma et al.	—	—	
	A47	5,560,793	10/1996	Ruscher et al.	—	—	
JUB	A48	5,591,298	01/1997	Goodman et al.	—	—	
	A49	5,609,727	03/1997	Hansen et al.	—	—	
	A50	5,611,790	03/1997	Osborn, III et al.	—	—	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JUB	A19	WO 00/38747	07/2000	PCT - World	—	—		
	A20	WO 00/62730	10/2000	PCT - World	—	—		
JUB	A21 AN	ZA 98/4033	05/1998	South Africa	—	—		
	AO							
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yub	A51	5,624,423	04/1997	Anjur et al.	—	—	
	A52	5,649,916	07/1997	DiPalma et al.	—	—	
	A53	5,650,218	07/1997	Krzensik et al.	—	—	
	A54	5,656,111	08/1997	Dilnik et al.	—	—	
	A55	5,665,396	09/1997	Ulman	—	—	
	A56	5,692,939	12/1997	DesMarais	—	—	
	A57	5,725,821	03/1998	Gannon et al.	—	—	
	A58	5,849,000	12/1998	Anjur et al.	—	—	
	A59	5,858,512	01/1999	Dit Picard et al.	—	—	
	A60	5,871,763	02/1999	Luu et al.	—	—	
	A61	5,906,879	05/1999	Huntoon et al.	—	—	
	A62	5,916,203	06/1999	Brandon et al.	—	—	
	A63	5,916,678	06/1999	Jackson et al.	—	—	
yub	A64	5,938,995	FOR 08/1999	Koltisko, Jr. et al.			

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JAB	A65	5,948,710	09/1999	Pomplun et al.	—	—	
	A66	5,958,275	09/1999	Joines et al.	—	—	
	A67	5,962,112	10/1999	Haynes et al.	—	—	
	A68	5,968,430	10/1999	Naito et al.	—	—	
	A69	5,990,377	11/1999	Chen et al.	—	—	
	A70	6,000,102	12/1999	Lychou	—	—	
	A71	6,001,300	12/1999	Buckley	—	—	
	A72	6,020,580	02/2000	Lewis et al.	—	—	
	A73	6,080,691	06/2000	Lindsay et al.	—	—	
	A74	6,085,437	07/2000	Stipp	—	—	
	A75	6,098,249	08/2000	Toney et al.	—	—	
JAB	A76	6,120,783	09/2000	Roe et al.	—	—	

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<i>yub</i>	AA	4,678,464	07/1987	HOLTMAN	—	—	
	AB	6,356,525 B1	12/2001	HAMAJIMA ET AL.	—	—	
	AC	5,620,779	04/1997	LEVY ET AL.	—	—	
	AD	6,171,682 (corresponds to WO 96/00625)	01/2001	RAIDEL ET AL.	—	—	
	AE	3,442,268	05/1969	BIRD	—	—	
	AF	4,622,089	11/1986	LAURITZEN	—	—	
	AG	4,758,240	07/1988	GLASSMAN	—	—	
	AH	4,897,499	01/1990	HUTTON ET AL.	—	—	
	AI	5,807,365	09/1998	LUCERI	—	—	
	AJ	5,916,678	06/1999	JACKSON ET AL.	—	—	
<i>yub</i>	AK	6,191,340	02/2001	CARLUCCI ET AL.	—	—	

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<i>yub</i>	AL	96/00625 (corresponds to USP 6,171,682)	01/1996	PCT	—	—		
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	AN							
	AO							
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JVB	AA	6,264,791	07/2001	SUN ET AL.	—	—	
	AB	5,833,679	11/1998	WADA, ICHIRO	—	—	
	AC	2002/0032421	03/2002	SCOTT ET AL.	—	—	
JVB	AD	6,486,379	11/2002	CHEN ET AL.	—	—	
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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